

Arizona Educator Proficiency Assessments (AEPA)
PASS RATE ANALYSES
INTERPRETIVE NOTES

The notes below are an integral part of the accompanying table(s).

- Data presented in the tables for the Elementary Education (01) and Social Studies tests are from the September 20, 2008 test administration.
- The number of scorable multiple-choice items is 80.
- **Number of Examinees and The Percent of Examinees At or Above Score** = the number of examinees and the percent of those examinees at or above the combined passing score for the test when the multiple-choice and constructed-response sections are combined as described below. The total test score is based on the computation of the scores for each test section (multiple-choice and constructed-response). Each section raw score is scaled and multiplied by the section coefficient, and then the resulting section scores are combined. The section coefficients are 0.9 for the multiple-choice section and 0.1 for the constructed-response section.
- **Panel-based Passing Score**
Multiple-choice Section = Sum of medians of panel member item judgments for the multiple-choice scorable item set, rounded to the nearest integer (maximum value = 80).
 - **Panel-based Passing Scores Plus One S.E.M.** for the multiple-choice section = Sum of medians of panel member item judgments for the multiple-choice scorable item set plus one Standard Error of Measurement (S.E.M.), rounded to the nearest integer.
 - **Panel-based Passing Scores Minus One (or Two) S.E.M.** for the multiple-choice section = Sum of medians of panel member item judgments for the multiple-choice scorable item set minus one (or two) Standard Error(s) of Measurement, rounded to the nearest integer.Constructed-response Section = Sum of medians of panel member item judgments for the constructed-response item(s) rounded to the nearest integer (maximum value = 8). The panel-based passing score for the constructed-response section is the median value of all panelists' ratings for the constructed-response item(s) plus one, minus one, or minus two, rounded to the nearest integer, with the panel-based passing score highlighted.
- **Number Tested (N)** = Total number of examinees who took the test at the test administration(s) noted above.
- **Estimated Standard Error of Measurement (S.E.M.)** = $\sqrt{((c \times (i - c)) / (i - 1))}$, where i = number of scorable multiple-choice items on the test and c = panel-based passing score.
- **Score** = the number of multiple-choice items answered correctly.
- **% Pass** = The percent of examinees who would pass at the given combination of multiple-choice and constructed-response scores.
- Examinee passing rates reflect a compensatory scoring model in which higher scores on one section of the test may compensate for lower scores on another section of the test.
- Examinees whose data are presented in this document may not reflect the same performance as that of examinees who will take these tests in the future.
- Extreme caution should be used in interpreting data for small numbers of examinees. The examinees for whom results are presented in this document may not reflect the same proportion of all the types and capabilities of examinees in the population who will take the tests in the future.